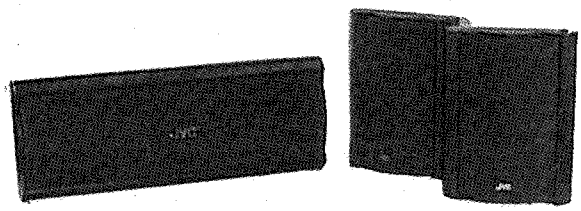
JVC

SERVICE MANUAL

SPEAKER SYSTEM

SP-X5TH
(SP-XS5,SP-XC5)

Area Suffix	
J	The U.S.A.
C	Canada
E	Continental Europe
UZ	Universal Type
US	Singapore
U	Other Area



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No.20607
Jan.1997

Instruction

Connection
Anschluß
Raccordement
Aansluiting
Conexión
Collegamento
Ansluiting
Tilslutning
Liitäntä

SP-XC5	SP-XS5
Black	Black stripe
Noir	Schwarzer Streifen
Schwarz	Raie noire
Zwart	Zwarte streep
Negro	Banda negra
Nero	Righe nere
Svart	Svart rand
Sort	Sort stribe
Musta	Nusta juova

Press
Drücken
Appuyer
Indrukken
Presioar
Premere
Tryck
Tryk
Paina

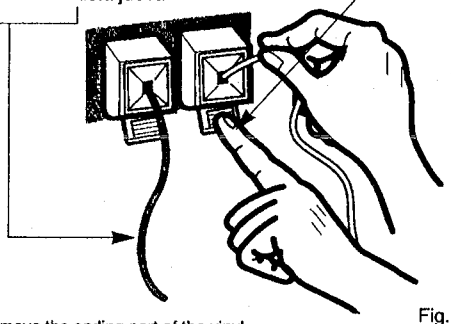


Fig. 1
Abb. 1
Afb. 1
Ill. 1
Kuva. 1

1. Remove the ending part of the vinyl covering from the cut.
2. Twist the wires.

1. Entfernen Sie dan Endstück der Vinylhüle von dem geschnittenen Teil.
2. Drehen Sie die Kabel.

1. Enlever la partie d'extrémité du recouvrement vinylique de la partie découpée.
2. Tordre les fils.

1. Snijd het laatste gedeelte van de vinylmantel af en verwijder.
2. Draai de draadkernen ineen.

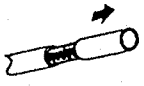
1. Remover la parte de extremidad de la cubierta de plástica de la parte cortada.
2. Torcer los alambres.

1. Rimuovere la parte di estremità della copertura in plastica dalla parte tagliata.
2. Torcere i fili.

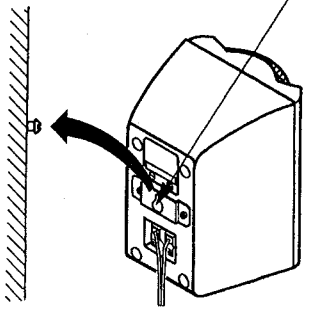
1. Dra loss den avskurna delen av isoleringen från kabeländen.
2. Tvinna trådarna.

1. Fjern enden af vinyl-isoleringen, hvor den er klippet af.
2. Sno trådene.

1. Irrota muovipeitteen loppupää uurteesta.
2. Kierrä johdot.



Wall mounting hole
Loch für Wandmontage
Trou de montage à mur
Gaatje voor wandmontering
Orificio para montaje en la pared
Foro di montaggio al muro
Hål för väggmontering
Monteringshul i væggen
Aukko seinään asennusta varten



CONNECTION

- Connect the CENTER speaker terminals of the amplifier to the terminals of the SP-XC5 using the attached speaker cords as shown in the figure making sure polarity is correct; (+) to (+) and (–) to (–).
  Connect the black speaker wire to the (–) terminal.
- Connect the LEFT rear speaker terminals of the amplifier to the LEFT terminals of the SP-XS5 and RIGHT to RIGHT using the attached speaker cords as shown in the figure making sure polarity is correct; (+) to (+) and (–) to (–). Connect the black stripe speaker wire to the (–) terminal.
- Turn off power of all equipment before connecting the speakers to the amplifier.
- The nominal impedance of the SP-XC5/SP-XS5 is 8 ohms. Connect them to your amplifier speaker connections of 8 ohms.
- The maximum power handling capacity is shown in the SPECIFICATIONS.
  Excessive input to the speaker will result in abnormal noise and possible damage.
  The following cases described below may cause an overload of the speakers. Be sure to lower the amplifier volume beforehand.
  1) Noise during FM tuning.
  2) High level signals containing high frequency components produced by a tape deck in the fast forward mode.
  3) Click noise produced when turning power of other components on and off.
  4) Click noise produced when connecting or disconnecting cords with the power on.
  5) Click noise when the cartridge is replaced with the power on.
  6) Click noise produced when operating amplifier switches.
  7) Continuous high frequency oscillation or high pitch musical instrument sound.
  8) Howling or feed back when using a microphones.

SPEAKER FOR A/V COMBINATION

SP-XC5 have a magnetically-shielded design for placement adjacent to TVs and monitors without causing color aberrations. However, color may be affected as a result of how the speaker system is installed. Therefore, be careful of the following:

1. When placing these speakers near a TV set, turn off the TV's main power switch or unplug it before installing the speakers.
   Wait at least 30 minutes after the system is installed before turning on the TV's power.
2. If another speaker system has been set up near the TV set, that system may cause color unevenness in the TV's picture.
3. In spite of the shielded design of these speakers, some types of TV's may be affected by them. If this happens, move the speakers a short distance from the TV set.

HOW TO INSTALL REAR SPEAKER

- This equipment is not magnet-proof. If it is placed near a TV set, color on a TV screen may become uneven. In the case of installation, therefore, locate it at sufficient distance from the TV set.
- The speakers of this system are designed to stand on the side or on the bottom, whichever you prefer.
- When setting the speaker on such as a high shelf, be sure to fix them to the shelf by using such as metal braces: as a precaution against the speakers falling off due to shelf trembling.

CAUTION: attaching the speakers on the wall
The speakers are designed to be attached on the wall. When attaching them on the wall, have them attached to the wall by a qualified person.
DO NOT hang the speakers by yourself to avoid an unexpected danger of their falling from the wall, caused by incorrect attachment or weakness in the wall.

SPECIFICATIONS

SP-XC5

Type	: 2-way 3-speaker bass-reflex type (Magnetically-shielded type)
Speakers	
Woofer	: 10 cm (4") cone × 2
Tweeter	: 5 cm (2") cone × 1
Power Handling Capacity	: 80 watts
Impedance	: 8 ohms
Frequency Range	: 75 Hz – 20000 Hz
Sound Pressure Level	: 92 dB/w·m
Dimensions (W × H × D)	: 383 × 144 × 157 mm (15" × 5-11/16" × 6-3/16")
Mass	: 2.3 kg (5.1 lbs)
Accessories	: Speaker cord.....1

SP-XS5

Type	: Full range bass-reflex type
Speaker	
Full range	: 10 cm (4") cone × 1
Power Handling Capacity	: 40 watts
Impedance	: 8 ohms
Frequency Range	: 80 Hz – 18000 Hz
Sound Pressure Level	: 89 dB/w·m
Dimensions (W × H × D)	: 150 × 200 × 157 mm (5-15/16" × 7-7/8" × 6-3/16")
Mass	: 1.1 kg (2.4 lbs)
Accessories	: Speaker cord.....2

Design and specifications subject to change without notice.

Guide to Repair

SP-XS5

■ Removing the Saran Board

The Saran Board are held in place by screws from the rear of the Ornament, Remove the ornament then replace the Saran Board.

■ Removing the Ornament

The ornament is held in place by four screws from the rear. Remove the screws, then replace the ornament. (See Fig.1)

Note:

When removing the ornament assembly, use a felt or other soft cloth to protect the ornament and cabinet against marks or flaws.

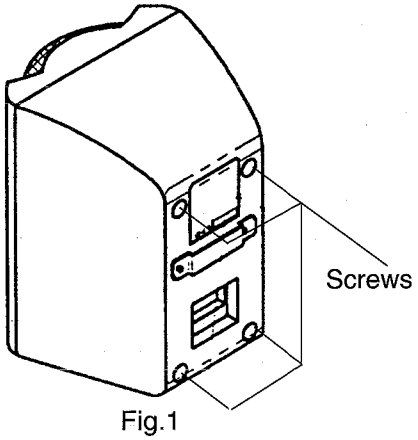


Fig.1

■ Removing the Speaker unit

It mounted on the front side of the ornament.Remove the Saran Board before dismounting the Speaker Unit.

■ Removing the Speaker Terminal

The Speaker Terminal is mounted on the inside of the cabinet back. Remove the ornament, then replace the Speaker Terminal.(See Fig.2)

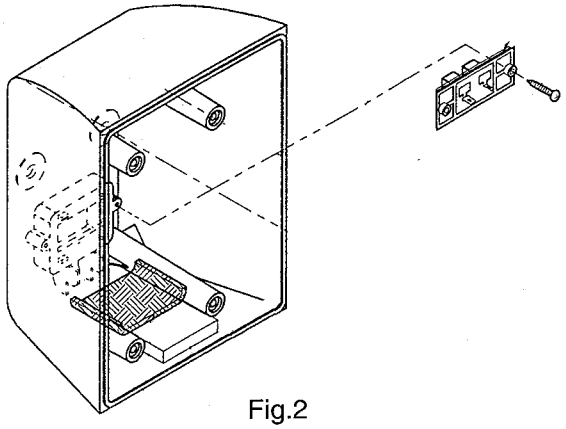


Fig.2

SP-XC5

■ Removing the Saran board

The Saran Board are held in place by screws from the rear of the Ornament, Remove the ornament then replace the Saran Board.

■ Removing the Ornament

The ornament is held in place by six screws from the rear. Remove the screws, then replace the ornament. (See Fig. 3)

Note:

When removing the ornament assembly, use a felt or other soft cloth to protect the ornament and cabinet against marks or flaws.

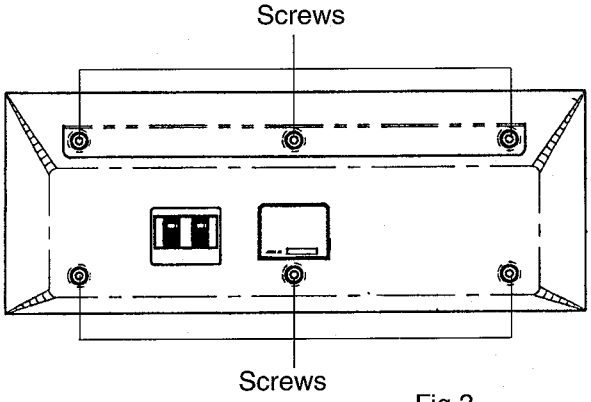


Fig.3

■ Removing the Speaker units

It mounted on the front side of the ornament.Remove the Saran Board before dismounting the Speaker Units.

■ Removing the Speaker Terminal

The Speaker Terminal is mounted on the inside of the cabinet back. Remove the ornament, then replace the Speaker Terminal.(See Fig. 4)

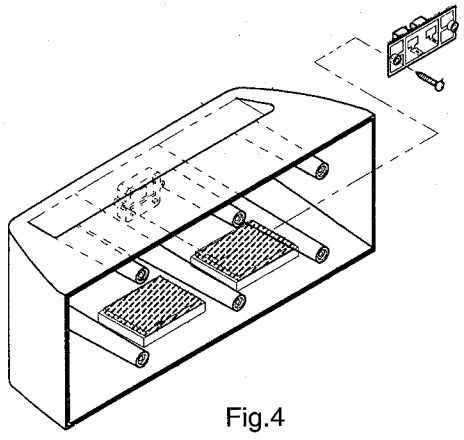
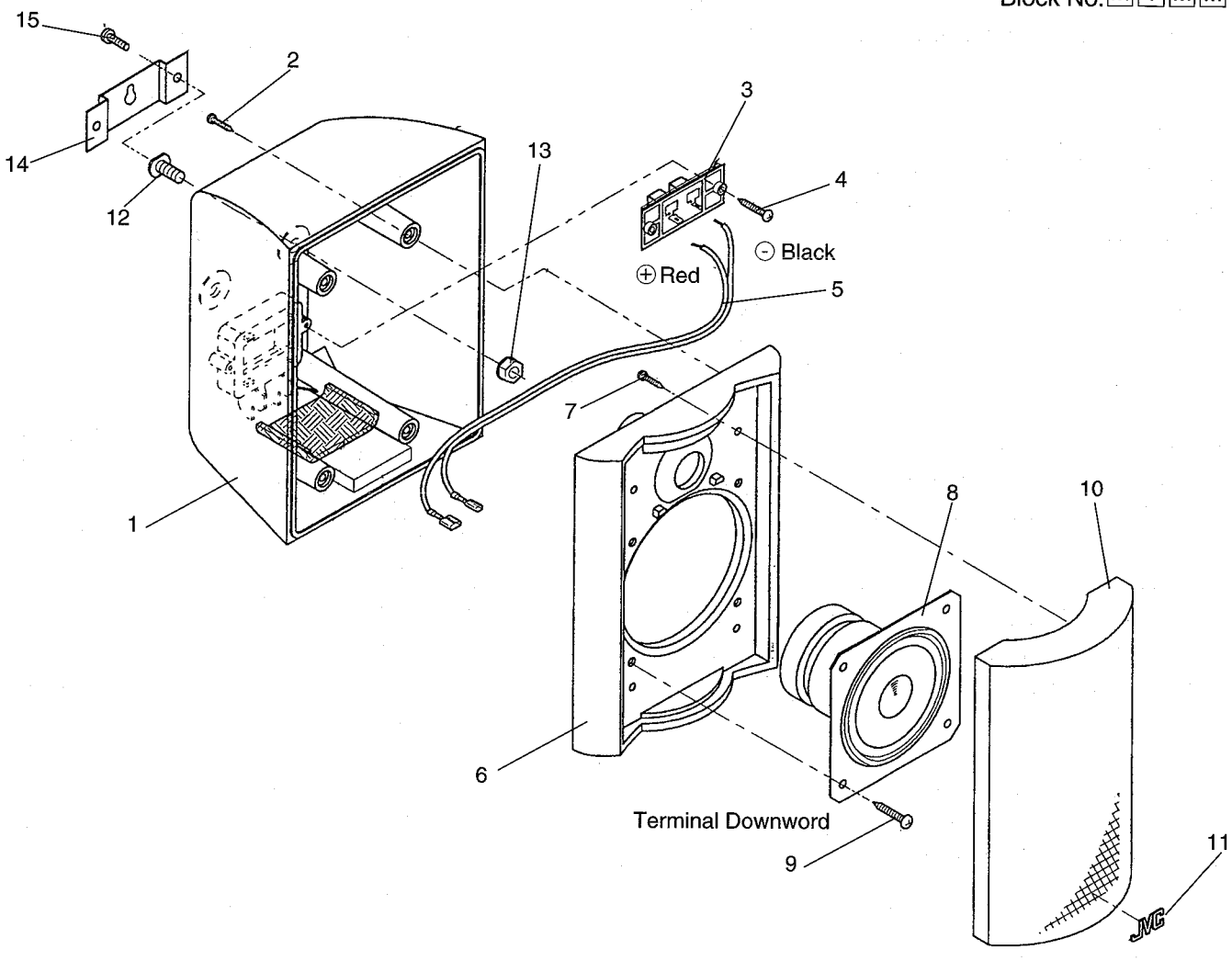


Fig.4

General Exploded View (SP-XS5)

Block No. M 1 M M



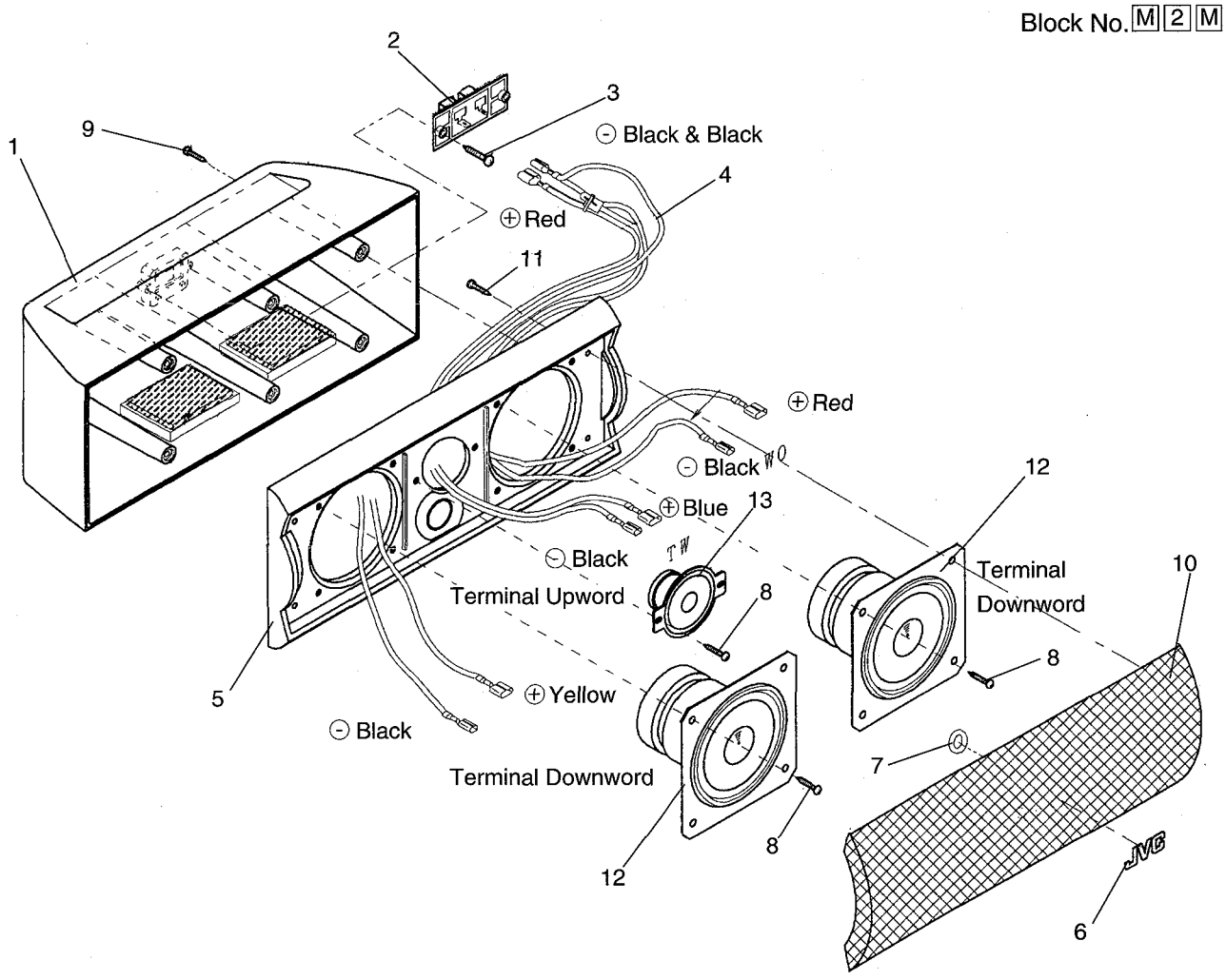
■ Parts List

Block No. M 1 M M

⚠	Item	Part Number	Part Name	Q'ty	Description	Areas
	1	EZC-SP-XS5	Cabinet Assembly	1	with Bottom Board	
	2	SBSF4020M	Screw	4		
	3	E03823-099	Speaker Terminal	1		
	4	SBSF3012Z	Screw	2		
	5	LE40228-001A	Wire Assembly	1		
	6	LE10102-001A	Ornament	1		
	7	SBSF4014Z	Screw	4		
	8	HSA1099-02T	Speaker	1	SP11	
	9	SBSF4010M	Screw	4		
	10	LE10104-001A	Saran Board Assembly	1		
	11	E75939-001	Mark	1		
	12	E74599-001	S,Screw	2		
	13	HEW2015-003	Nut	2		
	14	E408791-001	Bracket	1		
	15	SPSP5008M	Screw	2		

General Exploded View (SP-XC5)

Block No. M 2 M M



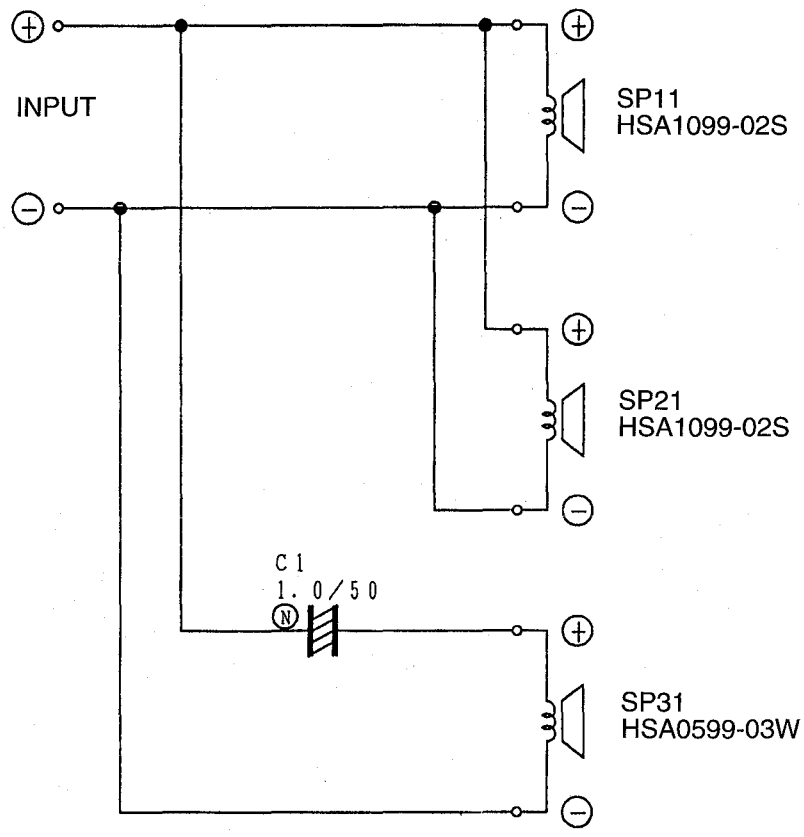
■ Parts List

Block No. M 2 M M

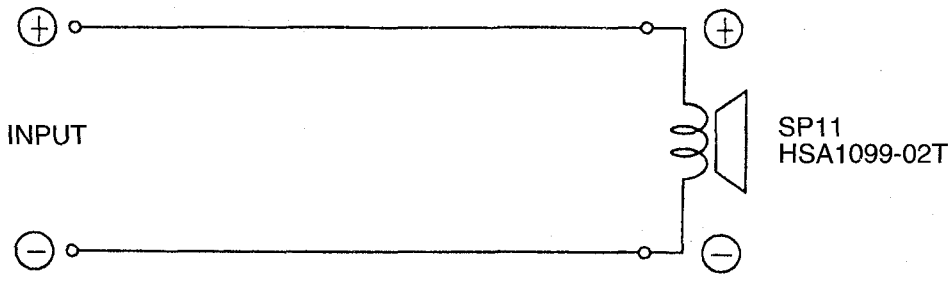
⚠	Item	Part Number	Part Name	Q'ty	Description	Areas
	1	EZC-SP-XC5	Cabinet Assembly	1	with Bottom Board	
	2	E03823-099	Speaker Terminal	1		
	3	SBSF3012Z	Screw	2		
	4	LE40225-001A	Network Assembly	1		
	5	LE10101-001A	Ornament	1		
	6	E408811-001	Mark	1		
	7	NSS3000M	Nut	1		
	8	SBSF4010M	Screw	10		
	9	SBSF4020M	Screw	6		
	10	LE10103-001A	Saran Board Assembly	1		
	11	SBSF4014Z	Screw	4		
	12	HSA1099-02S	Speaker	2	Woofer SP11,21	
	13	HSA0599-03W	Speaker	1	Tweeter SP31	

Schematic Diagram

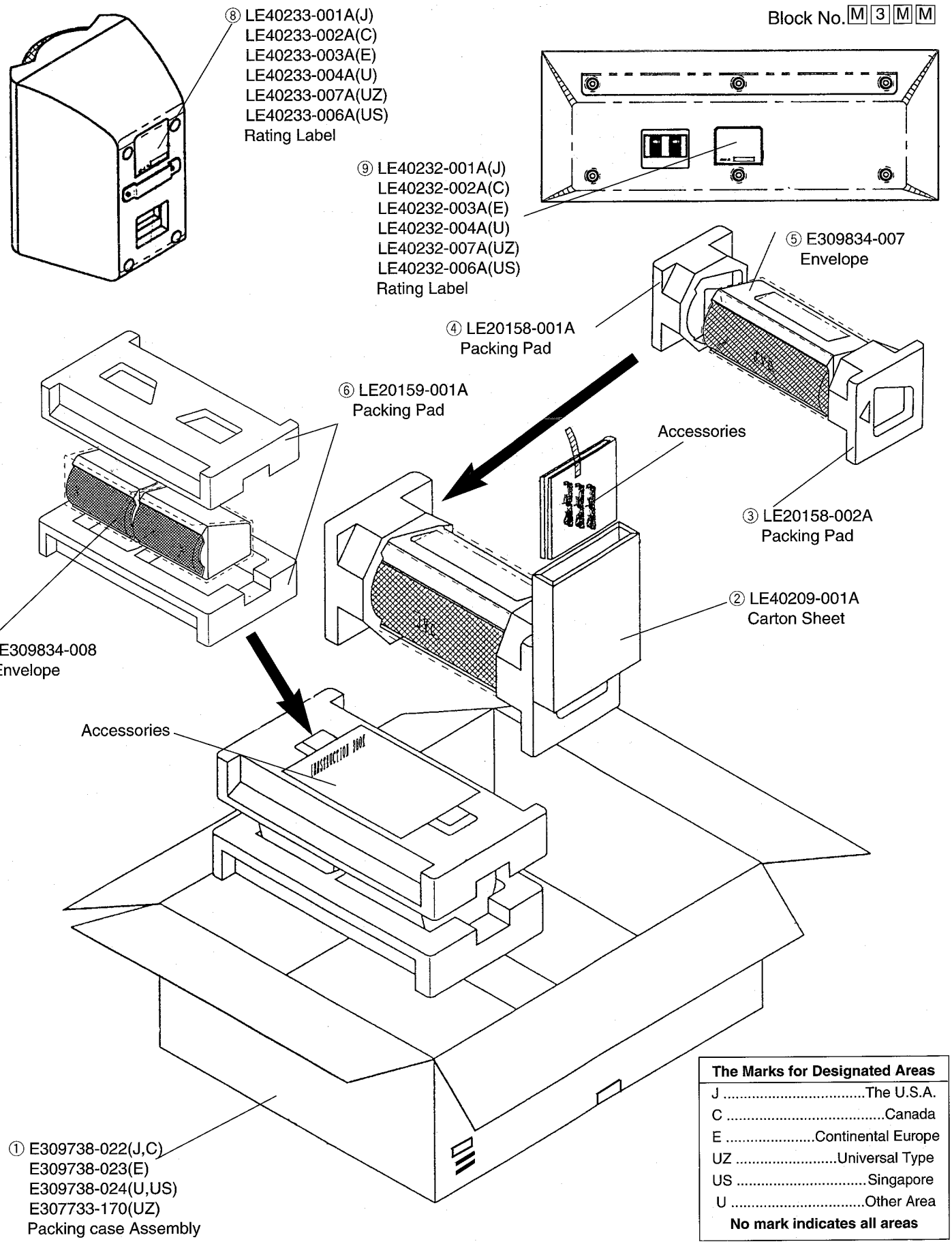
■ SP-XC5



■ SP-XS5

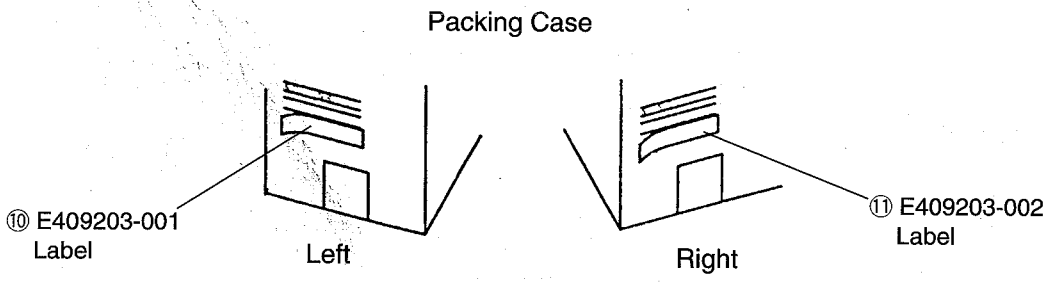


Packing Materials and Parts Numbers



The Marks for Designated Areas	
J	The U.S.A.
C	Canada
E	Continental Europe
UZ	Universal Type
US	Singapore
U	Other Area
No mark indicates all areas	

C version only



Accessories List

Block No. M 4 M M

⚠	Item	Part Number	Part Name	Q'ty	Description	Areas
	—	LET0041-001A	Instruction Book	1		J,C
	—	LET0042-001A	Instruction Book	1		E
	—	LET0059-001A	Instruction Book	1		U,US,UZ
	—	E407448-002	Speaker Cord	1		
	—	LE40267-001A	Speaker Cord	2		
	—	E408857-001	Spacer	1		
	—	LE40237-001A	Caution Sheet	1		J,C
	—	LE40238-001A	Caution Sheet	1		E
	—	LE40240-001A	Caution Sheet	1		U,US,UZ
	—	BT-51003-1T	Warranty Card	1		J
	—	BT-52002-1T	Warranty Card	1		C
	—	BT-51006-1T	P.S.R.Card	1		J
	—	BT20071B	Service Center List	1		C
	—	E409060-002	Envelope	1		

The Marks for Designated Areas	
J	The U.S.A.
C	Canada
E	Continental Europe
UZ	Universal Type
US	Singapore
U	Other Area
No mark indicates all areas	

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